

Application No. 10/695,314
Amendment dated 03/29/2005
Reply to Office Action of January 14, 2005

02-TRN-178

Amendments to the Abstract:

Please amend the abstract as indicated below:

A continuously variable transmission for use with motor vehicles includes ~~and an electronic control unit, and an ECU, an~~ automated gear unit, a variator, an input gear set, an input fixed ratio element and an output fixed ratio element. ~~The electronic control unit is configured to include logic rules for controlling a transmission, the logic rules including issuing transmission control commands.~~ The automated gear unit has gears providing a plurality of multiple selectively engaged gear ratios and engages one of the plurality of gear ratios responsive to commands from the ~~electronic control unit to do so.~~ The gear unit has a gear unit input shaft and a gear unit output shaft. The variator has a variator input shaft and a variator output shaft. ~~The variator is configured to continuously vary ECU. The variator varies~~ a ratio of ~~input torque to output torque between the variator its input and output~~ shafts responsive to commands from the ECU. ~~electronic control unit.~~ The variator output shaft is ~~drivingly~~ connected to the gear unit input shaft. The input gear set is ~~drivingly~~ connected to the variator input shaft. The input fixed ratio element ~~is configured to reduce the~~ reduces torque from the input gear set to the variator, and is operably disposed between the input gear set and the variator input shaft. The output fixed ratio element is ~~configured to increase~~ increases the torque from the variator, and is operably disposed between the variator output shaft and the gear unit input shaft.